

## Glossary of Scientific Terms

### Key Vocabulary Year 1

#### Properties of everyday materials

absorbent	Can soak up liquids
materials	the stuff an object is made out of
object	something that can be seen or touched
opaque	Can't see through it
rough	Uneven/ bumpy
senses	a person or animal obtains information about the physical world
smooth	Not rough or uneven
transparent	Can see through it
waterproof	Will not soak up liquids

#### Classifying and grouping materials

Abrasive	roughness of texture
compare	discover similarities and differences
everyday	suitable for use on ordinary days
fabric	any type of cloth made from woven, knitted, or felted thread or fibres
glass	is made from <b>sand</b> .
material	the stuff an object is made out of.
metal	is found inside <b>rock</b> .
object	something that can be seen or touched
Plastic	is made from <b>oil</b> .
Rock	is found underground.
silky	Extremely smooth. Resembles silk
Wood	comes from <b>trees</b> .

#### Classifying Animals

Amphibians	Live in water as babies and on land as they grow older
Birds	Have feathers, two legs and wings
carnivore	an animal that only eats other animals
Fish	Breathe underwater and have scaly skin
herbivore	an animal that feeds only or mainly on grass and other plants.
mammals	Breathe air and feed on their mother's milk as a baby. All mammals have fur or hair.
omnivore	an animal that will feed on any type of food
reptiles	Breathe air and have scales on their skin.
vertebrate	have a backbones.

## The Human Body (and other animals)

<b>bones</b>	the main material that makes up the skeleton
<b>hear</b>	able to perceive sound using the ears
<b>senses</b>	How a person or animal obtains information about the physical world
<b>Sight</b>	the ability to see using the eyes
<b>Skeleton</b>	The structure of bones of an person or animal
<b>Smell</b>	Detect something using the nose
<b>taste</b>	sensory receptors on the surface of the tongue or in the mouth
<b>Touch</b>	contact with something so as to feel it

## Plants

<b>blossoms</b>	Mass of flowers on a tree
<b>deciduous</b>	Shredding leaves in autumn.
<b>evergreen</b>	With leaves throughout the year
<b>Flower</b>	a coloured, part of a plant that contains its reproductive organs
<b>fruit</b>	Edible part of a plant containing seeds
<b>leaf</b>	a flat green part that grows in various shapes from the stems
<b>plant</b>	A living thing that grows in the earth and has a stem, leaves, and roots.
<b>root</b>	Underground base of a plant
<b>Shrubs</b>	A woody plant with several stems.
<b>stem</b>	the main stalk of a plan
<b>Trees</b>	A woody plant.
<b>waxy</b>	resembling wax in texture

## Seasons

<b>adapt</b>	change something to suit different conditions
<b>Cloud cover</b>	How thick the cloud will be
<b>dark</b>	Having little or no light
<b>dawn</b>	the first appearance of light in the sky
<b>daylight</b>	Natural light from the sun
<b>Dusk</b>	the sun has gone below the horizon but before the sky has become dark
<b>hibernate</b>	sleep over the winter
<b>Light</b>	Energy producing brightness
<b>Migrate</b>	move from one region or country to another
<b>Rainfall</b>	How much rain has fallen (measured by a rain gauge)
<b>seasons</b>	division of the year based on distinctive weather conditions
<b>Sunrise</b>	the rising of the sun above the eastern horizon each morning
<b>sunset</b>	the setting of the Sun below the western horizon in the evening
<b>Sunshine</b>	How sunny it is
<b>Temperature</b>	How hot or cold it is
<b>Thermometer</b>	An item used to measures the temperature
<b>Wind direction</b>	Which way the wind is blowing
<b>Wind force</b>	How strong the wind is

## Key Vocabulary Year 2

### Properties of everyday materials

<b> durable </b>	<u>lasting for a long time</u>
<b>manmade</b>	made by human beings
<b>materials</b>	What and object is made from
<b>natural</b>	Not made by people
<b>purpose</b>	the reason for which something has been made
<b>recycling</b>	the processing of used or waste material so that it can be used again
<b>reusable</b>	to use something again
<b>variety</b>	a collection of

### Classifying and grouping materials

<b>materials</b>	What and object is made from
<b>Absorbent</b>	Able to soak up liquid
<b>Brittle</b>	Hard, but may break easily
<b>Dull</b>	Lacking shine or brightness
<b>Opaque</b>	Cannot be seen through
<b>properties</b>	What a material is like and how it behaves
<b>suitability</b>	Having the properties for a specific purpose
<b>Translucent</b>	Allows some light to pass through
<b>Waterproof</b>	Does not absorb water

### Lifecycle of animals (MRS GREN)

<b>Living things</b>	having life, not dead or non-existent
<b>animals</b>	A living thing with independent movement
<b>Babies/offspring</b>	child or an animal's young
<b>birth</b>	The event of a new individual from the body of its parent
<b>exercise</b>	physical activity and movement
<b>Hatchling</b>	A bird, fish, insect or other organism that has just hatched from an egg
<b>hygiene</b>	keep themselves clean and their bodies healthy
<b>Life cycle</b>	The stages of development of a living thing
<b>Pregnancy</b>	Carrying an unborn offspring
<b>reproduce</b>	Produce offspring/ babies
<b>survival</b>	Staying alive (avoiding danger)

## Habitats

Habitat	environment in which a plant or animal lives
carnivore	an animal that only eats other animals
coastal	Near the seaside
dead/ non-living	No longer living
excretion	waste matter that has been discharged from an animal or a plant
food chain	each of which feeds on the one below
herbivore	an animal that feeds only or mainly on grass and other plants.
omnivore	an animal that will feed on any type of food
reproduction	Producing offspring or new individuals
respiration	breathing
urban	belonging to a city
woodland	and that is covered with trees, shrubs, or bushes

## Growing Plants (lifecycle)

plant	to put or set in the ground to grow
bulb	an underground resting stage of a plant (as an onion or tulip)
conditions	circumstances that affect the situation
digested	to process food in the body
disperse	to cause to become spread widely : <a href="#">scatter</a>
fruit	an edible part of a plant, usually fleshy and containing seeds
germination	to begin to grow : <a href="#">sprout</a>
healthy	being in good health
reproduce	to produce new individuals of the same kind
seed	a spore or small dry fruit capable of producing a new plant
transparent	fine or sheer enough to be seen through

## Light and Electricity

light	energy producing brightness
battery	a number of connected electric cells
circuit	a route around which an electrical current can flow
Dark	having little or no light
Electricity	energy created by the free or controlled movement of charged particles
Light source	Produces light (include the sun, light bulbs and stars.).
Mains	distribute electricity from a local station to individual buildings in an area
Opaque	no light can pass through it
plug	Electrical connection
reflective	able to reflect light, sound, or other forms of energy
switch	Button or lever used to control an electrical circuit.
torch	Portable light source
Translucent	some light passes through it
Transparent	light completely passes through it

